ADDITION OF 304 SQFT TO DRIVEWAY FOR ADDITIONAL PARKING SPACE. APPLICATION FOR

VARIANCE.

ADDRESS 24878 OLIVE TREE LANE

LOS ALTOS HILLS, CA

812-42-562

RA ZONING

R3/U **BUILDING USE**

SEPTIC/SEWER YES

PURISSMA HILLS WATER DISTRICT

EXISTING

SPRINKLER

46,209 LOT SIZE

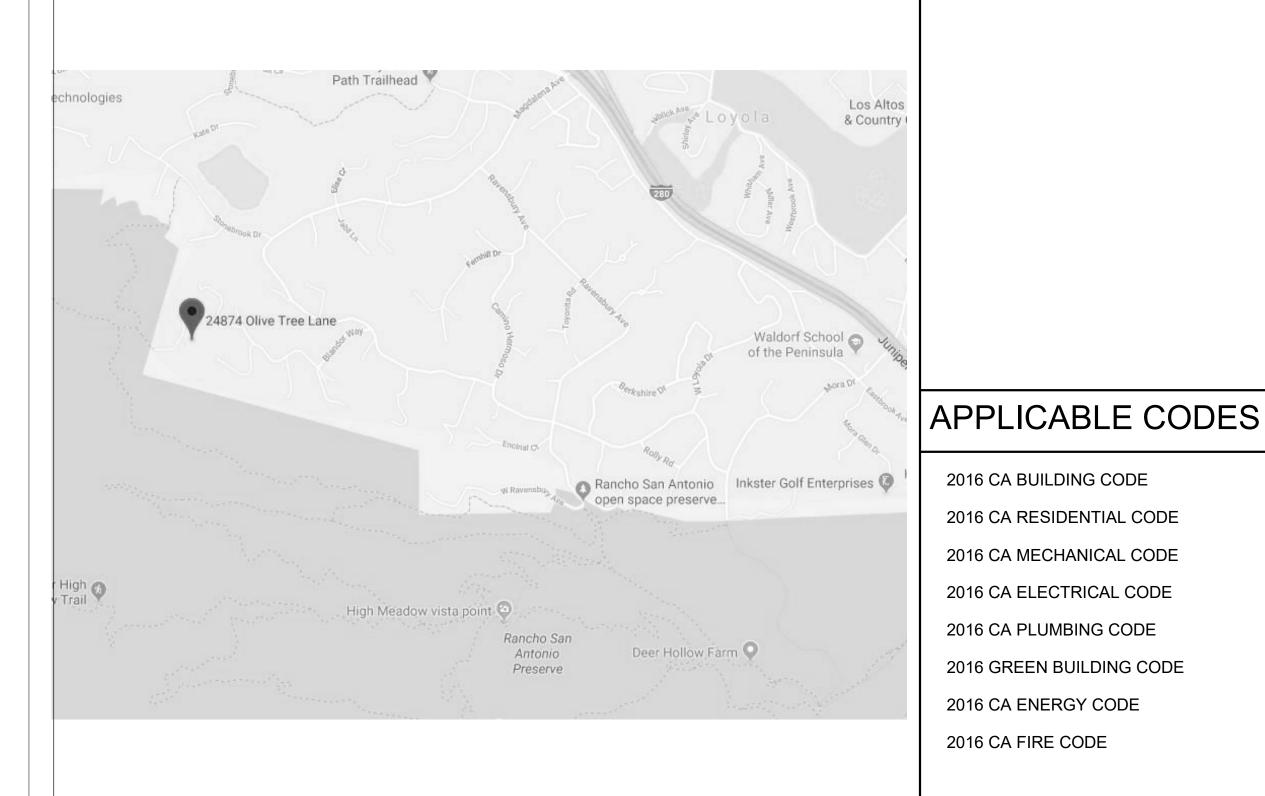
PLANNING DATA AND CALCULATIONS

BUILDING HEIGHT: 27' MEASURED AT PLANE

PRIMARY STRUCTURE: 35' MAX LOWEST TO HIGHEST.

PARKING REQUIREMENTS: 4 REQUIRED (MIN 2 COVERED) PARKING STALL TO BE MIN. 10' X 20' CLEAR.

VICINITY MAP



SHEET INDEX

ARCHITECTURAL DRAWINGS

A.0 COVER SHEET A.01 PROPOSED SQFT/MDA CALCS A.1 SITE

CIVIL DRAWINGS

C-3 EROSION CONTROL PLAN

C-1 GRADING AND DRAINAGE PLAN C-2 GRADING AND DRAINAGE PLAN

CGC §4.106.2& §4.106.3

Projects less than one acre shall managestormwater drainage during construction.

GREEN BUILDING REQUIREMENTS

ENERGY EFFICIENCY

SITE DEVELOPMENT (2016 CGC §4.106)

(2016 CGC §4.2 and the 2016 California Energy Code) 2016 Energy Code performance compliance documentation must be provided in

8-1/2" X 11" format and must be replicated on the plans. Walls with 2 X 6 and larger framing require R-19 insulation §150.0 (c) exception 2

Hot water piping insulation §150.0 (j) 2 and Table 120.3-A Lighting – mandatory requirements. §150.0 (k) 1-6 Duct insulation (R-4.2 for ducts in conditioned space) required §150.0 (m) 1

Duct leakage testing –5% of the nominal system air handler air flow §150.0 (m) 11 Duct system sizing and air filter grille sizing §150.0(m)13 A-C Water heating system—§150.0 (n) 1 A-D

Third-party Field verification and diagnostic testing for air flow performance §150.0 (o) Fenestration products U-factor (0.58) §150.0 (q)

Classification of High efficacy light sources 2016 California Energy Code Table 150.0 A Compliance with Table 150.1-A Component Package A standard building design

WATER CONSERVING FIXTURES AND FITTINGS (2016 CPC Chapter 4) The effective flush volume of all water closets will not exceed 1.28 gal / flush. 2016 California Plumbing Code 411.2

Faucets and showerheads will have required minimum standards listed on the plans; 1.8

Kitchen faucets 1.2 Lavatory faucets CPC 407.2.1.1-.2 and 2.0 GPM for showers 2016 CPC Projects with aggregate landscape over 500 square feet shall conform to MWELO 2016 CGC §4.304

ENHANCED DURABILITY AND REDUCED MAINTENANCE (2016 CGC §4.406)

Annularspaces around pipes, electric cables, conduits or other openings in sole/bottom plates at

exterior walls will be rodent-proofed by closing such openings with cement mortar, concrete masonry, or similar method acceptable to the enforcing agency. 2016 CGC §4.406.1

CONSTRUCTION WASTE REDUCTION, DISPOSAL, AND RECYCLING (2016 CGC § 4.408)

Aminimum of 66% of the non-hazardous construction and demolition was tegenerated at the site willbe diverted to an offsite recycle, diversion, orsalvage facility. Construction waste management form required for all additions of habitable square footage.

BUILDING MAINTENANCE AND OPERATION (2016 CGC §4.410) An operation and maintenance manual will be provided to the building occupant or owner. CGC §4.410.1

FIREPLACES (2016 CGC §4.503)

Any gasfireplaces will be direct-vent, sealed-combustible type. 2016 CGC §4.503.1 Any wood stove or pellet stove will comply with US EPA New Source Performance Standards (NSPS). 2016 CGC §4.503.1

POLLUTANT CONTROL (2016 CGC §4.504)

At the time of rough installation, during storage on the construction site, and until final

of the heating, coolingandventilatingequipment, allduct andotherrelatedairdistribution componentsopeningswillbecovered with tape, plastic, sheet metal, or other methods acceptable to the enforcing agency to reduce the amount of water, dust, or debris that may enter the system. 2016 CGC §4.504.1

Adhesives, sealants, and caulks used shall conform to Bay Air Quality Management District standards. 2016 CGC §4.504.2.1

Paints and coatings will comply with VOC limits Table 1 per 2016 CGC §4.504.2.2 Aerosol paints and coatings will meet the Product-weighted MIR limits for ROC and Bay Area Air Quality management District. 2016 CGC §4.504.2.3 Verification of compliance documents.2016CGC §4.504.2.4

Carpet and pad shall conform to 2016 California Green Building Code.2016CGC §4.504.3

Where resilient flooring is installed, at least 80% of the floor area receiving resilient flooring

comply with the California Green Building Code requirements. 2016CGC §4.504.4 Hardwood plywood, particleboard, andmedium density fiberboard composite wood products used on the interior and exterior of the building will comply with the low formaldehyde standards. 2016 CGC §4.504.5

GENERAL NOTES

INTERIOR MOISTURE CONTROL (2016 CGC §4.505)

also comply with 4.505.2.1.

installed. Wall and floor

Manual J-2011 or equal:

D-2014 or equivalent;

system, fans must be controlled

ANSI/ACCA 3, Manual S-2014 or

training/certification program. 2016

VERIFICATION (2016 CGC §703)

other methods acceptable to

equivalent. 2016 CGC §4.507.2

properinstallationofHVAC

CGC §702.1

documents, plans,

by a humidity control. 2016 CGC §4.506.1

ENVIRONMENTAL COMFORT (2016 CGC §4.507)

have their equipment selected using the followingmethods:

2. Ductsystems are sized according to ANSI/ACCA 1, Manual

Select heating and cooling equipment in accordance with

HVAC systeminstallerswillbetrainedand certifiedinthe

systems including ductsandequipmentby a recognized

moisture content.

§R506.2.3

Concrete slab foundations required to have a vapor retarder shall

Building materials with visible signs of water damage will not be

framing will not be enclosed when the framing members exceed 19%

Each bathroom shall be mechanically ventilated. 2016 CGC §4.506.1

The heating and air-conditioning system will be sized, designed and

INSTALLER SPECIAL INSPECTOR QUALIFICATION (2016 CGC §

Documentation used to show compliance shall include construction

specifications, builder or installer certifications, inspection reports or

the Town of Los Altos Hills Building Official. 2016 CGC §703.1

1. Heat Loss/Heat Gain valuesin accordance with ANSI/ACCA 2

2016 CGC §4.505.2 and California Residential Code (CRC)

INDOOR AIR QUALITY AND EXHAUST (2016 CGC §4.506)

Unless functioning as a component of a whole-house ventilation

utensils, and apparatus required for the work shown on these plans and pay for the full frieghtage cartage, taxes, and handling of material associated with the work.

All work shaall comply and conform to all codes and regulations, including the 2016 CBC, 2016 CMC, 2016 CPC, 2016 CEC, 2016 CRC, California Energy requirements, and all local, state and federal requirements, codes and regulations,

Contractor shall be solely responsible for job and worksite

All work is to be perfrmed in accordance with these plans and specifications and to the satisfaction of the owner.

Bidders shall visit the site and familiarize themselves with all existing conditions, and be prepared to carry out the work within the existing limitations.

Verify all dimensions in the field, written dimensions have precedence over scaled dimensions. Any discrepencies

Contractor shall notify the architect/designer of all modifications to drawing by the building department and of all changes

Follow manufacturer's instructions carefully. Manufacturer's operating instructions amd guarentess shall be given to the

All features of construction not fullu shown shall be of the same special conditions or discrepenscies, notify the

All material shall be of the best of their respective kinds, new, and subject to the approval of the owner. All work is to be

It is the responsibility of the contractor and subcontractors to notify the architect/designer and/or engineer of any discrepencies, inconsistenciesm errors or omissions in the plans and specifications which might affect the work, prior to

The Contractor shall furnish all material, labor, scaffolding,

unless otehrwise noted.

between drawings and/or specifications and actual conditions shall be brought to the attention of the architect/ designer for immediate clarification prior to proceeding with the work.

Change orders shall be in writing.

Substitutions will be considered, but do not substitute materials, equipment, or methods without specific advanced approval by the architect.

requested by the inspector.

owner at the end of the job.

type and character as that shown for similar conditions. For architect/desinger before bidding or proceeding with work.

performed in the best manner by skilled workmen.

proceeding with the work.

ROMIG ENGINE TOM PORTER 1390 EL CAMINI FLOOR SAN CARLOS, (TOM@ROMIGE 650 591 5224

T.Vess Interiors

www.tvessinteriors.com

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COM
408-615-4000 X 1

Consulta Address Address Phone Fax e-mail

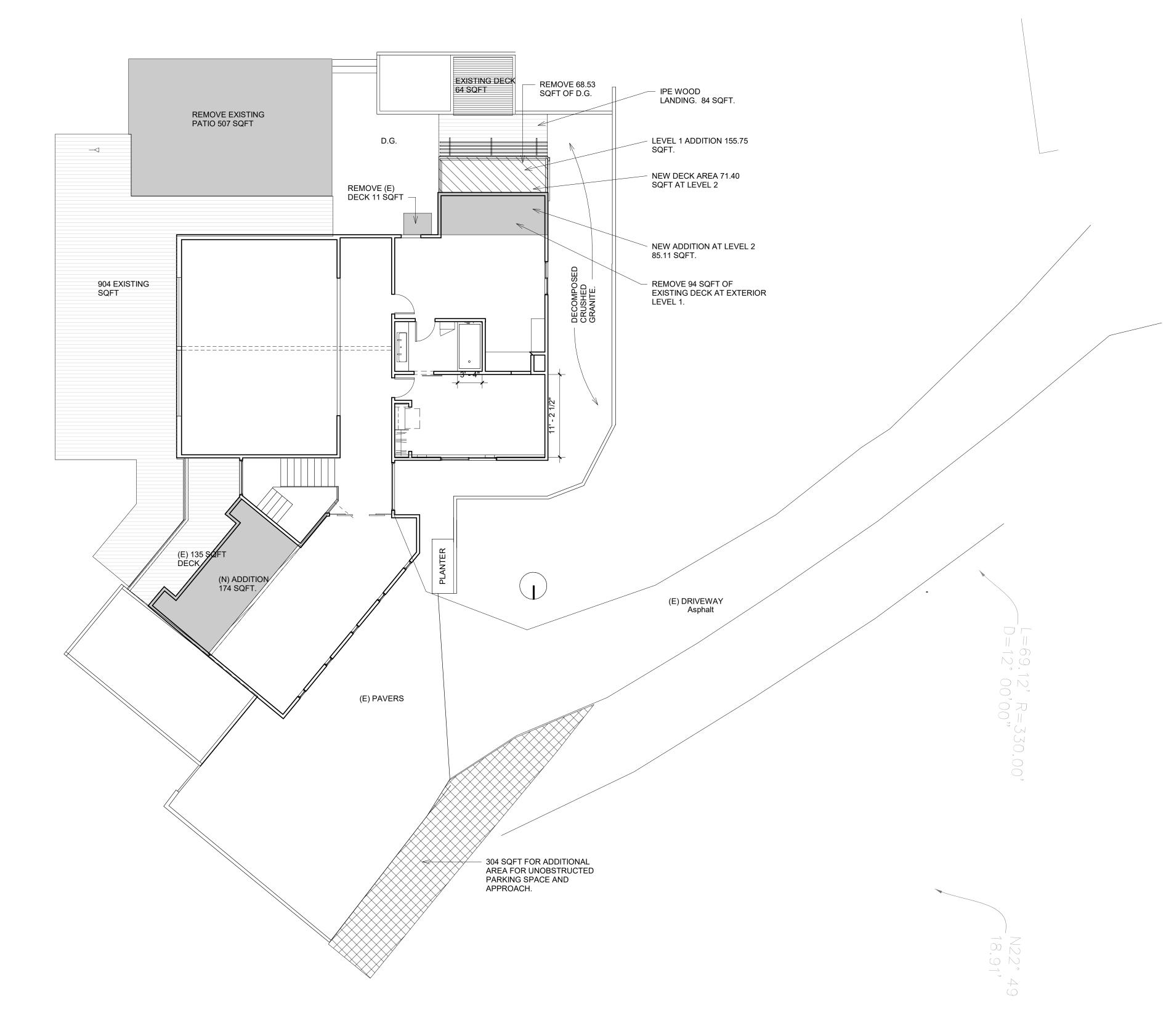
BKG SENGII ENGII ADAN 1155 I SUITE REDV ADAN 650.0

COVER SHEET

7.20.19 T.VESS Drawn by

A.0

Scale



DEVELOPMENT AREA	EXISTING	PROPOSED	DA CREDIT	TOTAL
A. HOUSE AND GARAGE	4059	414.86		4473.86
B. DECKING	1062	84.00	<279.00>	867.00
C. DRIVEWAY AND PARKING (PAVERS	1852			1852.0
D. PATIOS AND WALKWAYS	532		<507.00>	25.00
E. DECOMPOSED GRANITE	283.25		<68.53>	214.72
F. POOL AND POOL DECKING				0.00
G. ACCESSORY BUILDING				0.00
H. SOLAR PANELS GROUND MOUNTE	D			0.00
I. OTHER COVERAGE(BALCONIES)	164		<11>	153.00
	7952.25	498.86	<865.53>	7585.58

MAXIMUM DEVELOPMENT AREA-MDA (WORKSHEET 1) 7500.00 ROOF MOUNTED SOLAR BONUS (EXISTING) 459 SQFT

MAX MDA ALLOWED 7959.00

373.43 LEFT ALLOWED

304 SQFT

PHASE 2 APPLYING FOR VARIANCE FOR EXTRA PARKING SPACE AT DRIVEWAY CONCURRENTLY FOR SEPARATE PERMIT.

EXISTING BUILDING SQFT: 4059 PROPOSED ADDITION SQFT: 414.86

TOTAL PROPOSED: 4473.86 TOTAL ALLOWED SQFT: 5000

MAXIMUM DEVELOPMENT AREA: 7959 SQFT EXISTING MDA: 7952.25 SQFT

LEVEL 1 ADDITION 155.75 LEVEL 2 ADDITION 85.11 LEVEL 2 AT GYM 174.00 TOTAL ADDITION 414.86 SQFT

MDA

DECK 1 AT OFFICE 71.40 NEW 135.00 EXISTING REDUCED TO DECK 2 AT GYM DECK AT MASTER 84.00 NEW LANDING TOTAL DECKS 290.40 SQFT AT HOUSE

MDA REDUCTION FROM EXISTING

	_,
LEVEL 2 AT OFFICE BALCONY REDUCTION	11.00
LEVEL 2 AT GYM	174.00
LEVEL 1 BACK PATIO REDUCTION	507.00
LEVEL 1 AT MASTER BED LANDING REDUCTION	94.00
LEVEL 1 D.G COVER REDUCTION	68.53
TOTAL REDUCED	854.53

 \vdash

T.Vess Interiors

www.tvessinteriors.com

24874 OLIVE TREE L LOS ALTOS HILLS, (

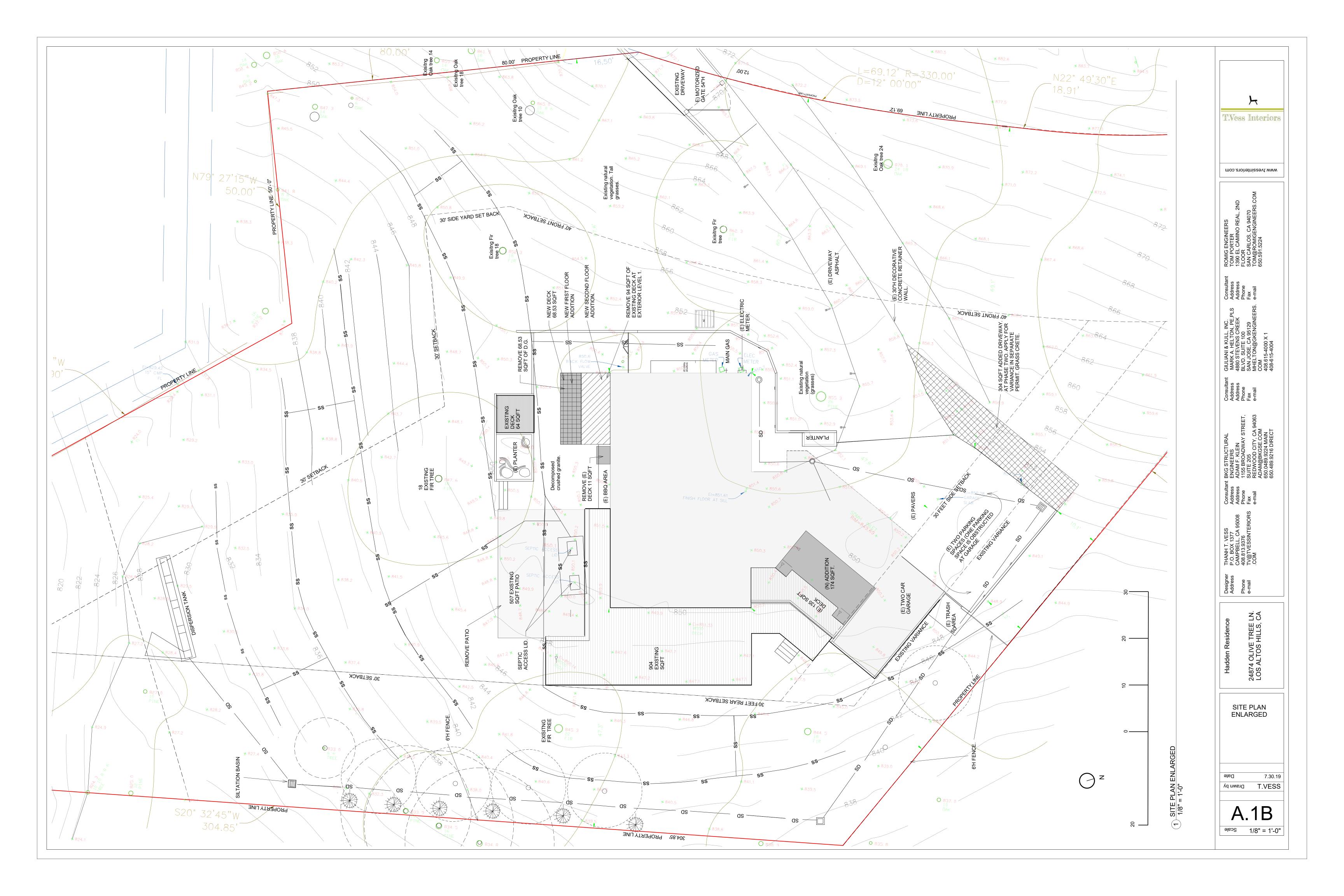
PROPOSED SQFT

7.20.19 t.vess Drawn by

A.01 Scale 1/8" = 1'-0"

Level 2 PROPOSED SQFT
1/8" = 1'-0"





- B. USE CITY STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION WHERE APPLICABLE,
- C. THESE PLANS AND DETAILS,

D. STANDARDS OF THE UNITED STATES DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OFFICE OF STANDARDS AND RULES OF THE STATE DIVISION OF INDUSTRIAL SAFETY,

WHERE CONFLICTS EXIST BETWEEN ANY OF THE ABOVE LISTED SPECIFICATIONS, THE MOST STRINGENT LISTED SPECIFICATION SHALL APPLY.

2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE ALL PERMITS NECESSARY TO PERFORM THE WORK, INCLUDING BUT NOT LIMITED TO WORK IN THE PUBLIC RIGHT-OF-WAY, GRADING, TREE REMOVAL, AND UTILITY MODIFICATIONS.

3.CONTRACTOR SHALL SUPPLY ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY TO PERFORM THE WORK SHOWN ON THIS PLAN.

4. IT SHALL BE THE RESPONSIBILITY OF THE VARIOUS CONTRACTORS TO COORDINATE THEIR WORK SO AS TO ELIMINATE CONFLICTS AND WORK TOWARD THE GENERAL GOOD AND COMPLETION OF THE ENTIRE PROJECT.

5. ALL WORKMANSHIP AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE THE KIND AND QUALITY DESCRIBED IN THE SPECIFICATIONS AND SHALL BE FIRST CLASS THROUGHOUT. NEITHER FINAL ACCEPTANCE NOR FINAL PAYMENT BY OWNER SHALL RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR FAULTY MATERIALS OR WORKMANSHIP.

6. IN THE EVENT OF ANY CONFLICT OF INFORMATION SHOWN ON THESE PLANS OR ANY CONFLICT BETWEEN THESE PLANS AND THE INTENT OF A CONSISTENT AND FUNCTIONAL PRODUCT, THE CONTRACTOR SHALL SO NOTIFY THE OWNER IN WRITING, UPON WHICH NOTICE THE OWNER SHALL RESOLVE THE CONFLICTS BY THE ISSUANCE OF A WRITTEN ORDER, REVISED PLANS OR BOTH. THE CONTRACTOR SHALL BEAR FULL COST AND RESPONSIBILITY FOR WORK AFFECTED BY SUCH CONFLICTS AND PERFORMED BY CONTRACTOR PRIOR TO SUCH NOTICE TO THE OWNER AND ISSUANCE OF SUCH ORDER AND/OR REVISED PLANS.

7. CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AT ALL TIMES AS REQUIRED BY OWNER'S REPRESENTATIVE.

8. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING TREES, OR SURFACE IMPROVEMENTS OR TO ANY EXISTING DRAINAGE STRUCTURE, WATER STRUCTURE, SEWER CLEANOUTS, MANHOLES, OR JUNCTION BOXES FOR UNDERGROUND ELECTRIC, GAS, TELEPHONE, CABLE T.V., STORM, SANITARY, WATER OR OTHER UTILITIES WHICH ARE TO REMAIN IN PLACE AND SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO.

9. ALL KNOWN EXISTING UTILITY LINES ARE SHOWN FOR INFORMATION ONLY, CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING UTILITY LINES OR FACILITIES TO REMAIN IN PLACE. WHETHER OR NOT SUCH FACILITIES APPEAR ON THESE PLANS, AND SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERETO.

10. CONTRACTOR SHALL CONTACT BOTH UNDERGROUND SERVICE ALERT (800-227-2600) AND THE AFFECTED UTILITY COMPANY PRIOR TO STARTING WORK TO REQUEST AND OBTAIN THE MARKING OF EXISTING UNDERGROUND FACILITIES.

11. INSPECTION OF WORK: THE CITY PUBLIC WORKS DEPARTMENT WILL INSPECT ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY. CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENTS AT LEAST 48 HOURS PRIOR TO START OF WORK.

12. ENGINEER SHALL BEAR NO RESPONSIBILITY FOR METHODS AND PROCEDURES OF WORK ESTABLISHED BY CONTRACTOR, JOBSITE CONDITIONS, JOBSITE SAFETY OR CONFORMANCE WITH SAFETY PROCEDURES AND REQUIREMENTS.

13. IN CONFORMANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS BOTH THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

GRADING AND PAVING NOTES

1. WORK SHALL CONSIST OF ALL SAW CUTTING. CLEARING. GRUBBING. AND STRIPPING, PREPARATION OR LAND TO BE FILLED, EXCAVATION, SPREADING, COMPACTION AND CONTROL OF THE FILL, AND ALL SUBSIDIARY WORK NECESSARY TO COMPLETE THE GRADING TO CONFORM TO THE LINES, GRADES AND SLOPES, AS SHOWN ON THE ACCEPTED PLANS.

2. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE SOILS REPORT PREPARED FOR THIS PROJECT AND UNDER THE SUPERVISION OF THE PROJECT SOILS ENGINEER. CONTACT THE SOILS ENGINEER AT LEAST 48 HOURS PRIOR TO START OF WORK.

ENGINEERING GEOLOGIC & GEOTECHNICAL INVESTIGATION PREPARED BY ROMIG ENGINEERS, INC.

3. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATION, THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.

4. ALL EXISTING TRASH. DEBRIS. ROOTS, TREE REMAINS AND OTHER RUBBISH SHALL BE REMOVED FROM THE SITE SO AS TO LEAVE THE AREAS THAT HAVE BEEN DISTURBED WITH A NEAT AND FINISHED APPEARANCE FREE FROM UNSIGHTLY DEBRIS. NO BURNING SHALL BE PERMITTED.

5. ALL AGGREGATE BASE MATERIAL AND THE HANDLING AND PLACEMENT THEREOF SHALL BE IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS. AGGREGATE BASE MATERIALS SHALL BE CLASS II.

6. MATERIALS HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE CITY STANDARD SPECIFICATIONS AND THESE PLANS AND DETAILS SHOWN HEREON.

CITY STANDARD GRADING NOTES:

1. ALL GRADING IS SUBJECT TO OBSERVATION BY THE CITY. PERMITTEE AND CONTRACTOR SHALL EACH, SEPARATELY, NOTIFY THE CITY AT LEAST 48 HOURS BEFORE START OF ANY GRADING.

2. IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES.

3. THE PERMITTEE OR AGENT SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.

4. ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT FOR AIRBORNE PARTICULATES (DUST).

5. ALL KNOWN WELL LOCATIONS ON THE SITE HAVE BEEN INCLUDED AND SUCH WELLS SHALL BE MAINTAINED OR ABANDONED ACCORDING TO CURRENT REGULATIONS ADMINISTERED BY THE SANTA CLARA VALLEY WATER DISTRICT. CALL (408) 265-2600 EXTENSION 2660 TO ARRANGE FOR DISTRICT OBSERVATION OF ALL WELL ABANDONMENTS.

6. IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND. ALL PROJECT-RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA COUNTY CORONER IMMEDIATELY.

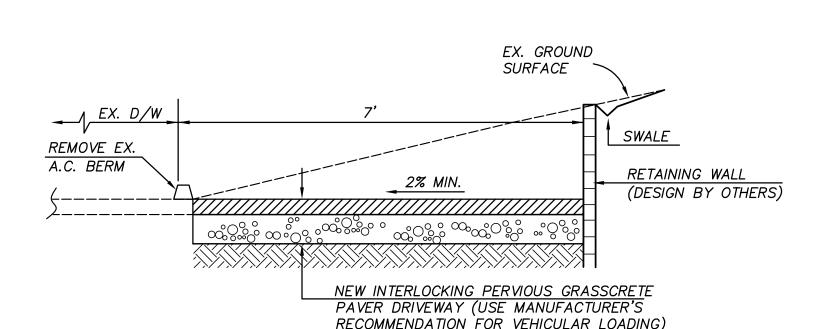
7. THIS PLAN DOES NOT AUTHORIZE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHOULD BE OBTAINED FROM THE CITY.

8. THIS GRADING PLAN HAS BEEN PREPARED BASED ON THE RECOMMENDATIONS OF THE REFERENCED PROJECT GEOTECHNICAL REPORT. ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS OF THE PROJECT

GEOTECHNICAL REPORT AND/OR THE PROJECT SOILS REPORT.

ALL GRADING WORK SHALL BE OBSERVED AND APPROVED BY THE SOIL ENGINEER. THE SOIL ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE BEGINNING ANY GRADING. UNOBSERVED AND UNAPPROVED GRADING WORK SHALL BE REMOVED AND REPLACED UNDER OBSERVATION.

ROMIG ENGINEERS, INC. — (650) 591—5224



SITE ADDRESS: 24874 OLIVE TREE LANE LOS ALTOS HILLS, CALIFORNIA

OWNER: DAVID & SAINA HADDEN 24874 OLIVE TREE LANE

LOS ALTOS HILLS, CALIFORNIA

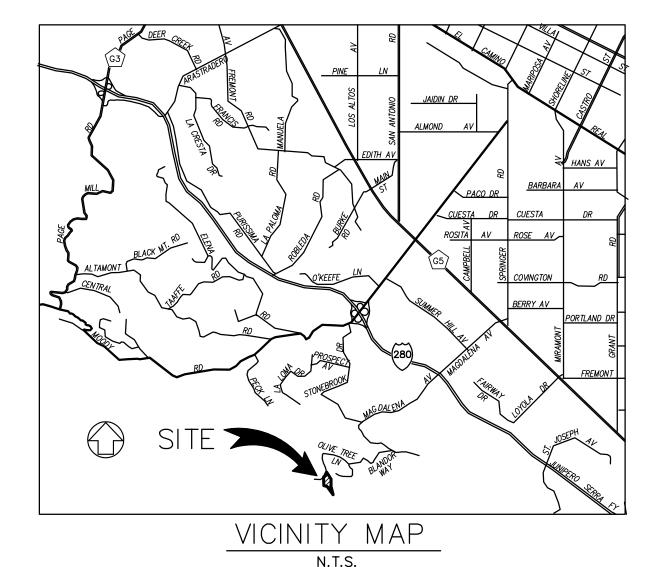
GIULIANI AND KULL. INC. 4880 STEVENS CREEK BLVD.

SAN JOSE, CA 95129 (408) 615-4000

336-35-090

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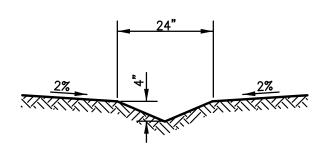
C-1	COVER SHEET		
C-2	SITE DEVELOPMENT PLAN		
C-3	EROSION CONTROL PLAN		



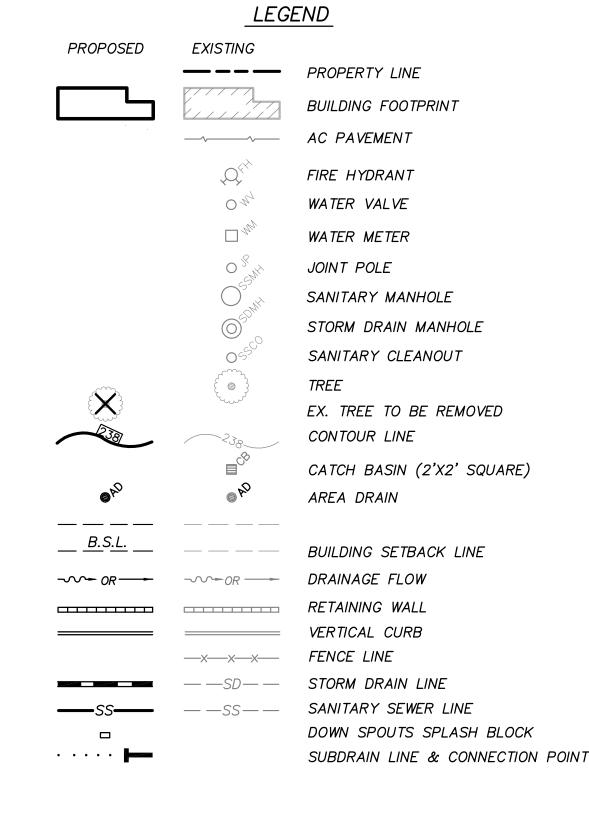
ORIGINAL TOPOGRAPHIC SURVEY PREPARED BY L. WADE HAMMOND AND PROVIDED TO GIULIANI & KULL BY OWNER.

EARTHWORK QUANTITIES		
CUT	45 ± CY.	
FILL	0 ± CY.	
EXPORT	45 ± CY.	

ENGINEER ASSUMES NO RESPONSIBILITY FOR ESTIMATED EARTHWORK. ACTUAL EARTHWORK QUANTITIES MAY VARY DUE TO SITE CONDITIONS AND MATERIAL SPECIFICATIONS. CONTRACTOR SHALL MAKE INDEPENDENT ESTIMATE PRIOR TO BIDDING.



VEGETATED SWALE DETAIL N.T.S.





RADIN C **C-**1 Mach a. Helton DATE 6/28/19 JOB NO. 19118

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